

PATENT COOPERATION TREATY

PCT

From the INTERNATIONAL BUREAU

NOTIFICATION OF THE RECORDING
OF A CHANGE(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

To:

MOENS, Marnix, Karel, Christiane
Huntsman ICI (Europe) BVBA
Huntsman Polyurethanes
Intellectual Property Dept.
Everslaan 45
B-3078 Everberg
BELGIQUE

Date of mailing (day/month/year) 30 March 2001 (30.03.01)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference EUR 50727/WO	
International application No. PCT/EP00/00034	International filing date (day/month/year) 05 January 2000 (05.01.00)

1. The following indications appeared on record concerning:		
<input checked="" type="checkbox"/> the applicant	<input type="checkbox"/> the inventor	<input type="checkbox"/> the agent
<input type="checkbox"/> the common representative		
Name and Address HUNTSMAN ICI CHEMICALS, LLC 500 Huntsman Way Salt Lake City, UT 84108 United States of America	State of Nationality US	State of Residence US
	Telephone No.	
	Facsimile No.	
	Teleprinter No.	
2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:		
<input type="checkbox"/> the person	<input checked="" type="checkbox"/> the name	<input type="checkbox"/> the address
<input type="checkbox"/> the nationality		
<input type="checkbox"/> the residence		
Name and Address HUNTSMAN INTERNATIONAL LLC 500 Huntsman Way Salt Lake City, UT 84108 United States of America	State of Nationality US	State of Residence US
	Telephone No.	
	Facsimile No.	
	Teleprinter No.	
3. Further observations, if necessary:		
4. A copy of this notification has been sent to:		
<input checked="" type="checkbox"/> the receiving Office	<input type="checkbox"/> the designated Offices concerned	
<input type="checkbox"/> the International Searching Authority	<input checked="" type="checkbox"/> the elected Offices concerned	
<input checked="" type="checkbox"/> the International Preliminary Examining Authority	<input type="checkbox"/> other:	

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer C. Cupello
Facsimile No.: (41-22) 740.14.35	Telephone No.: (41-22) 338.83.38

PATENT COOPERATION TREATY

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NOTIFICATION OF THE RECORDING
OF A CHANGE(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

MOENS, Marnix, Karel, Christiane
Huntsman ICI (Europe) BVBA
Huntsman Polyurethanes
Intellectual Property Dept.
Everslaan 45
B-3078 Everberg
BELGIQUE

Date of mailing (day/month/year) 17 November 2000 (17.11.00)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference EUR 50727/WO	
International application No. PCT/EP00/00034	International filing date (day/month/year) 05 January 2000 (05.01.00)

1. The following indications appeared on record concerning:		
<input type="checkbox"/> the applicant	<input type="checkbox"/> the inventor	<input checked="" type="checkbox"/> the agent
<input type="checkbox"/> the common representative		
Name and Address MOENS, Marnix, Karel, Christiane Huntsman ICI Europe Ltd. Huntsman Polyurethanes Intellectual Property Dept. Everslaan 45 B-3078 Everberg Belgium	State of Nationality	State of Residence
	Telephone No. + 32 2 758 9288	
	Facsimile No. + 32 2 758 9075	
	Teleprinter No.	
2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:		
<input type="checkbox"/> the person	<input type="checkbox"/> the name	<input checked="" type="checkbox"/> the address
<input type="checkbox"/> the nationality		
<input type="checkbox"/> the residence		
Name and Address MOENS, Marnix, Karel, Christiane Huntsman ICI (Europe) BVBA Huntsman Polyurethanes Intellectual Property Dept. Everslaan 45 B-3078 Everberg Belgium	State of Nationality	State of Residence
	Telephone No. + 32 2 758 9288	
	Facsimile No. + 32 2 758 9075	
	Teleprinter No.	
3. Further observations, if necessary:		
4. A copy of this notification has been sent to:		
<input checked="" type="checkbox"/> the receiving Office	<input type="checkbox"/> the designated Offices concerned	
<input type="checkbox"/> the International Searching Authority	<input checked="" type="checkbox"/> the elected Offices concerned	
<input checked="" type="checkbox"/> the International Preliminary Examining Authority	<input type="checkbox"/> other:	

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer A. Karkachi
Facsimile No.: (41-22) 740.14.35	Telephone No.: (41-22) 338.83.38

PATENT COOPERATION TREATY

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NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Assistant Commissioner for Patents
United States Patent and Trademark
Office
Box PCT
Washington, D.C.20231
ETATS-UNIS D'AMERIQUE

in its capacity as elected Office

Date of mailing (day/month/year) 25 August 2000 (25.08.00)	
International application No. PCT/EP00/00034	Applicant's or agent's file reference EUR 50727/WO
International filing date (day/month/year) 05 January 2000 (05.01.00)	Priority date (day/month/year) 27 January 1999 (27.01.99)
Applicant BURNS, Steve, B. et al	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:

14 July 2000 (14.07.00)

☐ in a notice effecting later election filed with the International Bureau on:2. The election ☒ was☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer

Charlotte ENGER

Telephone No.: (41-22) 338.83.38

PATENT COOPERATION TREATY

PCT

NOTIFICATION OF THE RECORDING
OF A CHANGE(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

MOENS, Marnix, Karel, Christiane
Huntsman ICI (Europe) BVBA
Huntsman Polyurethanes
Intellectual Property Dept.
Everslaan 45
B-3078 Everberg
BELGIQUE

Date of mailing (day/month/year) 17 November 2000 (17.11.00)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference EUR 50727/WO	
International application No. PCT/EP00/00034	International filing date (day/month/year) 05 January 2000 (05.01.00)

1. The following indications appeared on record concerning:

☐ the applicant ☐ the inventor ☒ the agent ☐ the common representative

Name and Address MOENS, Marnix, Karel, Christiane Huntsman ICI Europe Ltd. Huntsman Polyurethanes Intellectual Property Dept. Everslaan 45 B-3078 Everberg Belgium	State of Nationality	State of Residence
	Telephone No. + 32 2 758 9288	
	Facsimile No. + 32 2 758 9075	
	Teleprinter No.	

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☐ the person ☐ the name ☒ the address ☐ the nationality ☐ the residence

Name and Address MOENS, Marnix, Karel, Christiane Huntsman ICI (Europe) BVBA Huntsman Polyurethanes Intellectual Property Dept. Everslaan 45 B-3078 Everberg Belgium	State of Nationality	State of Residence
	Telephone No. + 32 2 758 9288	
	Facsimile No. + 32 2 758 9075	
	Teleprinter No.	

3. Further observations, if necessary:

4. A copy of this notification has been sent to:

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<input type="checkbox"/> the International Searching Authority	<input checked="" type="checkbox"/> the elected Offices concerned
<input checked="" type="checkbox"/> the International Preliminary Examining Authority	<input type="checkbox"/> other:

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer A. Karkachi Telephone No.: (41-22) 338.83.38
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PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference EUR 50727/WO	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/EP 00/ 00034	International filing date (day/month/year) 05/01/2000	(Earliest) Priority Date (day/month/year) 27/01/1999
Applicant HUNTSMAN ICI CHEMICALS, LLC et al.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☒ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 00/00034

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C09J175/12 C08G18/50 C08G18/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C09J C08G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 95 10555 A (IMPERIAL CHEMICAL INDUSTRIES) 20 April 1995 (1995-04-20) the whole document & EP 0 723 561 A cited in the application ---	1-17
X	US 5 562 148 A (SCHNEIDER) 8 October 1996 (1996-10-08) column 2, line 50 -column 4, line 34 --- -/--	1-5

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

27 June 2000

Date of mailing of the international search report

06/07/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Bourgonje, A

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 00/00034

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CHEMICAL ABSTRACTS, vol. 106, no. 18, May 1987 (1987-05) Columbus, Ohio, US; abstract no. 139474h, TANAKA ET AL: "Thixotropic polyurethane adhesives" page 52; column 1; XP002114085 abstract & JP 61 228075 A (MYOJO) -----	1
A	EP 0 063 534 A (GOODYEAR TIRE AND RUBBER) 27 October 1982 (1982-10-27) page 4, line 16 -page 6, line 30 -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 00/00034

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
W0 9510555	A	20-04-1995	AU 702132 B	11-02-1999
			AU 7813794 A	04-05-1995
			CA 2171202 A	20-04-1995
			CN 1133053 A, B	09-10-1996
			DE 69407306 D	22-01-1998
			DE 69407306 T	16-04-1998
			EP 0723561 A	31-07-1996
			ES 2109735 T	16-01-1998
			HK 1005621 A	15-01-1999
			JP 9503806 T	15-04-1997
			NZ 274183 A	24-11-1997

US 5562148	A	08-10-1996	NONE	

JP 61228075	A	11-10-1986	NONE	

EP 63534	A	27-10-1982	US 4552934 A	12-11-1985
			AU 8230182 A	14-10-1982
			JP 57182374 A	10-11-1982
			CA 1212496 A	07-10-1986

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 00/00034

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C09J175/12 C08G18/50 C08G18/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C09J C08G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

27 June 2000

Date of mailing of the international search report

06/07/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Bourgonje, A

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 00/00034

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category ° Citation of document, with indication, where appropriate, of the relevant passages

Relevant to claim No.

A

CHEMICAL ABSTRACTS, vol. 106, no. 18,
May 1987 (1987-05)
Columbus, Ohio, US;
abstract no. 139474h,
TANAKA ET AL: "Thixotropic polyurethane
adhesives"
page 52; column 1;
XP002114085
abstract
& JP 61 228075 A (MYOJO)

1

A

EP 0 063 534 A (GOODYEAR TIRE AND RUBBER)
27 October 1982 (1982-10-27)
page 4, line 16 -page 6, line 30

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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		CN 1133053 A,B	09-10-1996
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		DE 69407306 T	16-04-1998
		EP 0723561 A	31-07-1996
		ES 2109735 T	16-01-1998
		HK 1005621 A	15-01-1999
		JP 9503806 T	15-04-1997
		NZ 274183 A	24-11-1997
US 5562148 A	08-10-1996	NONE	
JP 61228075 A	11-10-1986	NONE	
EP 63534 A	27-10-1982	US 4552934 A	12-11-1985
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		JP 57182374 A	10-11-1982
		CA 1212496 A	07-10-1986